

19990804.qrp v01_n538.qrl.990804

Date: Wed, 4 Aug 1999 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1538

QRP-L Digest 1538

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- 1) [46737] wow!
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- 2) [46738] Re: LCD Clock...For UR Shack
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- 3) [46739] zero beating - the musical way
by n5ib@juno.com
- 4) [46740] Re: 2n2/40
by "Nick Kennedy" <nkennedy@cswnet.com>
- 5) [46741] Archive CD's all gone
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- 6) [46742] Small Wonder Labs DSW-40 Is A Winner!
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- 8) [46744] Steel antenna wire not a bargain
by "rohre" <rohre@arlut.utexas.edu>
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- 10) [46746] Re: electric fence poly wire for antennas??
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- 11) [46747] New QRP 10M HT Available
by Brian Kassel <bkassel@dancris.com>
- 12) [46748] Very neat trash picking story
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 13) [46749] Re: electric fence poly wire for antennas??
by "George T. Baker" <w5yr@swbell.net>
- 14) [46750] Force 12 Antenna
by Duane Alles <w9zm@yahoo.com>
- 15) [46751] QRP National Park Contest Expedition '99!
by "Scott Robbins - VE7CCY" <ve7ccy_srobbins@hotmail.com>
- 16) [46752] Re: 38 Special is taken
by "Ed Manuel (N5EM)" <n5em@flash.net>
- 17) [46753] FS or Trade...
by Jeff Johns <jeffj@scott.net>
- 18) [46754] Re: 38 Special is taken
by "Paul Harden, NA5N" <na5n@rt66.com>
- 19) [46755] wanted: plans for 20m vertical field antenna

- by Michael C Boatright <ko4wx@mindspring.com>
- 20) [46756] FS: W6MMA SLV
by Bruce Grubbs <bog@flagstaff.az.us>
- 21) [46757] FS or Trade...
by Jeff Johns <jeffj@scott.net>
- 22) [46758] Re: 38 Special is taken
by crc <crc@io.com>
- 23) [46759] 2n2/40
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 24) [46760] QSL Info for UA3AIC
by "Rod Cerkoney" <rcw@frii.com>
- 25) [46761] Re: QRP National Park Contest Expedition '99!
by Monte Stark <ku7y@dri.edu>
- 26) [46762] Re: Archive CD's all gone
by David J Adams <adamsclan@netgate.net>
- 27) [46763] AOL/QRP-L/email
by ARDUJENSKI@aol.com
- 28) [46764] Re: Understanding Zero Beat
by Russ Dow <n7dw@garlic.com>
- 29) [46765] Re: [Elecraft] Re: Tech America Soldering Station
by Phil Wheeler <w7ox@mindspring.com>
- 30) [46766] Fort Tuthill: THANKS
by Jay Bromley <w5jay@alltel.net>
- 31) [46767] Zero-beat me 8 to the bar
by "Eric Bikales" <ac6nt@excite.com>
- 32) [46768] Re: wanted: plans for 20m vertical field antenna
by Goran Hosinsky <hosinsky@royac.iac.es>
- 33) [46769] Is QRP-L Web Page OK?
by Bill <blazure@WSTM.COM>
- 34) [46770] Re: [Elecraft] Re: Tech America Soldering Station
by "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
- 35) [46771] Re: Zero-beat me 8 to the bar
by Zack Lau <zlau@arrl.org>
- 36) [46772] FS:Heathkit HW-9 Accessories
by Mark Sailer <msailer@msailer.rhic.bnl.gov>
- 37) [46773] Re: [Elecraft] Re: Tech America Soldering Station
by Bruce Muscolino <w6toy@erols.com>
- 38) [46774] Re: 38 Special is taken
by "Vincent Ferme" <vferme@sprint.ca>
- 39) [46775] QRP Afield: September 18th
by Bensondj@aol.com
- 40) [46776] QRP-L HELP
by ARDUJENSKI@aol.com
- 41) [46777] Radio & the Internet
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 42) [46778] AR QRP 40m Net tonight
by Robsparks@aol.com
- 43) [46779] Radio & the Internet

by "Michael C. Boatright" <ko4wx@mindspring.com>
44) [46780] Re: QRP-L HELP
by "dor" <elbc@pivot.net>
45) [46781] X-class Flare tuesday
by "Paul Harden, NA5N" <na5n@rt66.com>
46) [46782] Radio & the Internet
by "Michael C. Boatright" <ko4wx@mindspring.com>
47) [46783] Re: Help with antennas for 80 meters
by "John Mason" <john_mason@mohawkind.com>
48) [46784] Re: Understanding Zero Beat
by "George T. Baker" <w5yr@swbell.net>
49) [46785] Re: [Elecraft] Re: Tech America Soldering Station
by "Steve Sorrell" <ap036@detroit.freenet.org>
50) [46786] Re: QRP-L HELP
by lujce@Lehigh.EDU
51) [46787] Fw: Re: Re: okay.. i think i am ready..
by william h ross <k6mgo@juno.com>
52) [46788] Antenna Measuring tips?
by Ed Loranger <we6w@qsl.net>
53) [46789] RE: Zero-beat me 8 to the bar
by "Ed Tanton" <n4xy@att.net>
54) [46790] Solder temperatures?
by "George Goodroe" <goodroe@worldnet.att.net>
55) [46791] QRPL CDs gone
by David J Adams <adamsclan@netgate.net>
56) [46792] Re: [Elecraft] Re: Tech America Soldering Station
by "Mike Yetsko" <myetsko@insydesw.com>
57) [46793] Re: Solder temperatures?
by "Mike Yetsko" <myetsko@insydesw.com>
58) [46794] oscillators
by Anthony Felino <anthony@pacinfosb.com>
59) [46795] Re: Antenna Measuring tips?
by "George T. Baker" <w5yr@swbell.net>
60) [46796] Re: Back from Yosemite.
by Tim Ahrens <tahrens@hilconet.com>
61) [46797] 2N2/40
by Tim Ahrens <tahrens@hilconet.com>
62) [46798] FS:HM-9 QRP Wattmeter (HW-9 Accessory)
by Mark Sailer <msailer@msailer.rhic.bnl.gov>
63) [46799] wtb qrp
by RangerSF5@aol.com
64) [46800] PM3A problem & fix
by "Jim Johnson" <km7h@gte.net>
65) [46801] Field Repair of radios.
by Ed Loranger <we6w@qsl.net>
66) [46802] Re: [Elecraft] Re: Tech America Soldering Station
by "Steve Sorrell" <ap036@detroit.freenet.org>
67) [46803] Spring and Summer QRPp

- by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 68) [46804] Pacificon QRP Forum Announcement
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 69) [46805] NorCal 20 Matching Cases Available
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 70) [46806] NorCal Cap Kits
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 71) [46807] FW: Solder temperatures?
by "George Goodroe" <goodroe@worldnet.att.net>
- 72) [46808] NCG-15 manual or info
by tom whalen <wb5qyt@eFortress.com>
- 73) [46809] SV: wtb qrp
by "Hans Sundstrom" <hans.sundstrom@telia.com>
- 74) [46810] Freq. Counter I/Put ...Thanks
by Dave Barrett <DBarrett@creo.com>
- 75) [46811] HW-9 /DD1
by "Randall K. Kennard" <Firefox@Southwind.Net>
- 76) [46812] Kudos to Embedded Research TiCK Guys
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 77) [46813] Greetings from Brooklyn, NY.
by Satoshi Kouya JQ10CR <tomo@grace.c.dendai.ac.jp>
- 78) [46814] Re: Zero-beat me 8 to the bar
by Dan Presley <talljazz@teleport.com>
- 79) [46815] Re: New QRP 10M HT Available
by "Carl Zmola" <zmola@campbellsci.com>
- 80) [46816] Lotto Winners
by Larry East <w1hue@amsat.org>
- 81) [46817] Solder Flux and Propagation
by wd9eyb@butler.indiana.net
- 82) [46818] Manual Needed
by Larry East <w1hue@amsat.org>
- 83) [46819] RE: Greetings from Brooklyn, NY.
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 84) [46820] Re: GB> Which tube manual?
by neil <neil@aade.com>
- 85) [46821] Re: Field Repair of radios.
by Dean W Manley <kh6b@juno.com>
- 86) [46822] Re: Solder Flux and Propagation
by Bob Parks <rob3ert@vegas.infi.net>
- 87) [46823] Ken: W8EK - Your Mail Is Bouncing
by wb2vuo@juno.com
- 88) [46824] FS: MFJ-418 Pocket Morse Code Tutor
by Jerry Albertin <jalbertin@juno.com>
- 89) [46825] Re: Spring and Summer QRPp
by "Steven Weber" <kd1jv@moose.ncia.net>
-

Date: Tue, 03 Aug 1999 19:07:20 -0400
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46737] wow!
Message-ID: <37A77628.E68E5FC0@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

just got home, and turned on the rig.. called a few cqs.. and there it was! i qrp-1 member! john (kb8umd) that's the coolest thing in a long while!

he hung right in there with me and my fossil fist.. he even slowed down so that i could copy just right.. what a guy!

it was great to know that the rig and everything is working fine! i will try to get on some more tonight! i am stoked!

--

peace,

sergio

<http://www.bright.net/~sruiz> - "the village buzz"

"quoting other people is really lame and unoriginal..." -sergio

Date: Tue, 03 Aug 1999 23:31:27 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46738] Re: LCD Clock...For UR Shack
Message-ID: <37a779ed.20881394@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Sun, 1 Aug 1999 09:22:02 EDT, KF4EIB@aol.com wrote:

>Great Day to All,

>

>Gang, stopped in a Radio Shack (mall version) in Richmond, VA yesterday=
=20

>7/31/99.

>Found a Travel Alarm Clock (RS 63-959) on sale for \$12.99. So.....

I have a similar clock from Howard Miller. Actually, it's exactly the same.

But the one I use in my shack, and have purchased for others in the past, is the Casio DQ-750. Same "format" as the Radio Shack, but the numbers are 1.25" high. I found it at the Office Supply superstores (Staples, Office Max, etc.) for about \$14.

You can find a photo on the Casio web page.

--

Marty, N5NW

-----=

Memphis, Tennessee =

<http://home.earthlink.net/~mwattcpa>

Date: Tue, 03 Aug 1999 19:29:47 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [46739] zero beating - the musical way
Message-ID: <19990903.172046.4783.0.N5IB@juno.com>

Since we had the discussion about music and cw a while back - and since I know Sergio is a musician - If the offset in that SW40 is set to about 700 Hz, then tune in a station until the cw note is a "top line 'F' on the treble staff" and you'll be just about perfect.

For those who use an 800 Hz offset, like the DSW series, it's in between (ahh - quarter tones, contemporary) the top space 'G' and 'G#' on the treble staff.

All this assumes an 'A' above middle 'C' = 440 Hz, and an equal-temperment semitone ratio of the twelfth-root of two (1.059463094), without stretched octaves Hug your nearest musician, he or she will make it all clear :^)

Roll Over Beethoven, Give Tchaikovsky the News ...

72

Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 3 Aug 1999 18:34:23 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <peter.c.wotherspoon@Hydro.ON.CA>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46740] Re: 2n2/40
Message-ID: <001e01bede08\$b838fe00\$3e7154d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Have you check Dan's Small Parts site? He doesn't have the kit any more but he still lists the set of 5 crystals (3 matched), I think for \$5.

72,

Nick, WA5BDU

-----Original Message-----
From: Peter Wotherspoon <peter.c.wotherspoon@Hydro.ON.CA>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, August 03, 1999 1:27 PM
Subject: 2n2/40

>Does anyone have a "spare" set of xtals for this project.
>I would really like to get my hands on a set.
>With thanks
>Peter
>
>
>

Date: Tue, 03 Aug 1999 16:50:49 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [46741] Archive CD's all gone
Message-ID: <37A71DE8.4D03380@earthlink.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

That says it...the last six are all gone.

If anyone really wants one, I'll make it, but won't have a stockpile anymore.

72...Roger

--

73, de Roger, N7KT
qrp-1 #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Tue, 3 Aug 1999 19:56:04 EDT
From: DYARNES@aol.com
To: qrp-1@lehigh.edu
Subject: [46742] Small Wonder Labs DSW-40 Is A Winner!
Message-ID: <bd56ba9e.24d8db94@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Last evening I finished (sort of) my DSW-40 transceiver, acquired at the Ft. Tuthill hamfest. For what it's worth, I will pass along my thoughts and comments. But for those of you who just want the executive version, let me say that this is a VERY nice piece of design work by Dave Benson and you will really like the result!

If you are not familiar with this rig series, it is available for at least 3 bands that I know of, 20M, 30M, and 40M. I opted for the 40M version because, well, I just think 40 meters is the best band of the bunch! 20 meters is hot now, but when all else fails, 40 meters is usually there to breach. 30 meters just might be my next choice, although it needs more activity.

The "D" in DSW-40 stands for "digital". This is a digital rig folks! DDS is more appropriate -- "Direct Digital Synthesis". You can get more details on Dave's website at smallwonderlabs.com. The main thing is that it works, and very well indeed.

You get a built in keyer, morse readout of your frequency (you simply push the tuning control "in" briefly and it spits back your frequency in code),

and all the band coverage you could possibly need (like the whole band!), and 2 to 3 watts out for about \$125. Not a bad deal.

The receiver is a superhet, and seems to be very sensitive based on my limited "hands on" testing so far. Alas, no sophisticated test gear here, but I can tell you that weak signals on my Omni VI were equally readable on the DSW-40.

The rig goes together very quickly. A few surface mount parts are included in the package, but don't panick -- Dave did that part for you! In fact, the rig is amazingly simple to put together. The manual is very well organized too. Construction is outlined in sections, so you have a number of logical stopping points. After part 4 you can check to see if you have a working receiver. The whole thing goes together in a couple of evenings. I could have done it even faster, except I got sidetracked watching Tiger Woods and David Duval "duke" it out while I was winding toroids, etc. By the way, the toroids are a snap -- only 4 to wind and they are very easy.

I'm not sure what I like most about this rig, but I have to give a big "thumbs up" to Dave for the size of this jewel. It is very compact, but not to the point that you have to struggle to make it go together. The enclosure is a very attractive turquoise color. I really like it!

Operating the rig is very smooth and simple. A pushbutton allows you to cycle through the keyer setup -- keying speed, reversal of dits and dahs, tune, and hand key. It's just like the Tic keyers. In fact, I think this is a built in Tic keyer, but I don't see that stated anywhere so maybe it's not.

Anyway, you simply turn the frequency control with each "click" equal to about 200 hz. Another neat feature -- if you want a slower tuning rate, you simply push the tuning control in (and hold it a bit longer than you would to get a frequency report in code) and the tuning rate slows to about 50 hz per click. Push and hold again and you are back to 200 hz per click. Neat, huh!

There's an RIT switch too. Flip it up and you get a 50 hz adjustment rate. The transmit frequency stays put, of course.

I haven't had a chance to try the rig in a pile up, so I can't tell you how it does under severe operating conditions. But I do get a strong sense that the built in filter is very effective.

As you can tell, I like this rig. I like its size a lot, and it hears very well. According to all my QSO's so far, no chirp and stable as a rock! I really think this is the rig you grab if you want to stick something in your briefcase to take on a trip. I just don't think anyone will be disappointed if they pick one of these up.

72 de Dave W7AQK

Date: Tue, 3 Aug 1999 19:57:03 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [46743] Need Help Wire / Rope Antennas
Message-ID: <19990803.195838.-311001.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

hi everyone: u 2 Bill C :-)

I'm in a bind and can use some help. My computer will only stay on line for two minutes then gets kicked off line so I am unable to use the web... so I turn to u...

I want to make a multi element wire yagi on forty but want to use the shortest or near shortest spacing I can and still get lots of gain... (whatever that is :-)

I have a secret plan and with it I don't have to worry about matching the center impedance of the driver...

I want to use a driven element and directors (no reflector)
can I stick with .1 wave spacing for all elements????

Here is the secret plan... as I don't intend to rotate the thing... hee hee ... I plan to feed the driven element at one end.... end feed... high voltage.... high impedance and all that... with twin lead, open wire line, ladder line and an ATU...

I've bothered LB to death on this so far and hate to bother him again... so I have turned to u... can u hep me???

PS

got my wife a kayak yesterday and we went out kayaking today... no one tipped over... and the depth recorder / fish finder I put in my kayak works fine... guess I need to re-install my two meter rig in the kayak also... sure is fun to be catching fish and talking on two meters at the same time... some have even accused me of having it "made in the shade".... if only the thing was metal I could put the qrp+ in it...(for when the fish stop biting)

Joel KE1LA
In Maine

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: 3 Aug 1999 19:15:55 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [46744] Steel antenna wire not a bargain
Message-ID: <n1278414699.97022@msmailgw1.arlut.utexas.edu>

Just have to jump in here, and let you know of my endless experiments with steel wire as a Novice.

It does not work well, as antenna wire!

1. Steel is magnetic, you should not use magnetic materials for antenna wire.
1. a) Steel oxidizes easily, ie rusts to a powder! So I tried galvanized steel, and it works after a fashion, but it heats up with your precious QRP power.

2. Stainless steel is not strongly magnetic, but has the high resistance of all steels as compared to copper. The RF is going to only travel on the skin effect, thus, if you only have a small area of conduction, you want the best conductors, ie Copper or silver. Now, silver is a bit pricey, thus copper is the next choice.

3. The price quoted for the stainless steel fence wire is about what you pay for 500 feet of #14 solid copper insulated house wire, at Home Depot. Why bother with the complication of something you cannot solder to, or use easy electrical connectors like wire nuts upon?

4. Others locally were tempted years ago when Sears sold copper plated steel electric fence wire. Now that was a bargain with 1000 or more feet much less than what 500 feet of copper goes for now. However, a bargain is only a bargain if it lasts. The copper was so thin, that in a year the steel had rusted through and the wire easily broke.

Now, the stainless may not break right away, but when the plastic which is making up part or most of the strength member for this wire does rot in the sun, the stainless will likely break when forced to carry all the load of very long wire antenna. After all, this is FENCE wire, designed to be supported every 10 feet or so!

Use copper for antennas, or aluminum for beams, and leave the steel for what it might do well, which is not the first choice as low resistance electrical conductor. Especially, when surplus copper wire and house wire are useable and equally as cheap. You can stretch the house wire before use, or just let it go, it is only going to be lengthening a couple of inches with heavy loading of about 26 lbs. per Moxon's antenna book.

Hope this prevents some later frustration of antenna builders.
72, Stuart K5KVH

Date: Tue, 03 Aug 1999 21:40:34 -0300
From: Dave Marling <dbm@klis.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46745] Re: electric fence poly wire for antennas??
Message-ID: <37A78C02.B6EF8983@klis.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just measured the resistance of my electric fence wire 160 meter loop. Comes in at 30.8 ohms (loop and 50 feet of 450 ohm twin lead). This would fall part way between a #27 and a #28 wire at 0.057 ohms per foot.

#14 wire would weigh in at .002575 ohms per foot and 1.4 ohms for the same length loop (excluding feed line).

For me, the advantage is the lightness of weight and high resistance to wind breakage. Low cost helps too!

Each of us build antennas out of what we have, can scrounge or buy. Whatever works.

73,
Dave
VE1VQ

Date: Tue, 03 Aug 1999 21:54:00 -0300
From: Dave Marling <dbm@klis.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46746] Re: electric fence poly wire for antennas??
Message-ID: <37A78F28.5A205627@klis.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> I just measured the resistance of my electric fence wire 160 meter

A clarification might be in order. The electric fence wire is the 3 strand stainless interwoven with the poly strands. The #'s 27, 28 and 14 referred to are copper wire. The specs for the copper were taken

from a 1984 ARRL Handbook.

73 (again),
Dave
VE1VQ

Date: Tue, 03 Aug 1999 17:57:37 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, Mike Henry <michael.a.henry@intel.com>
Subject: [46747] New QRP 10M HT Available
Message-ID: <37A79001.342621C3@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gangue:

I'm posting this for a friend who recently ordered one of these radios. I thought that some of the QRP gang might be interested. Below are his comments, not mine as I don't as yet own this radio.

Brian W5VB0
AZ ScQRPions

Check out this link:
<http://www.copper.com/online/box.cgi?name=E00-06006&add=Add+To+Order>

I have ordered one of these radios and should have it friday. It runs approx 6 watts pep on high and has a low power setting.. It also does the 10m repeater splits and with a mod will xmit all the way down to 25.5 mhz or so. It also uses all the cherokee acc. including battery packs.

I have worked the world with my 2w pep AEA dx handy during the last sunspot peak and expect the same starting this fall and winter. I only ever used the supplied whip and a counterpoise wire.

I'll post my impressions after I get a chance to play with it.

Regards, Mike N5AQM 72.5

Date: Tue, 03 Aug 1999 21:36:09 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, njqrp@nss4.cc.lehigh.edu, Bill Cole
<billc@dandy.net>, Dave Marshall <n8oay@sprintmail.com>,
Don Schimmel <dwschiml@intrepid.net>, Ed Muro <kc2ayc@banet.net>, John
McColman <jmccolma@richmond.infi.net>, Jon Cohen <jon@pluto.njcc.com>,
Subject: [46748] Very neat trash picking story
Message-ID: <37A79909.D4C9B8ED@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Today is local garbage day. I was on my way out to the store to get something when I passed a house that belonged to our local Snap-On Tools distributor. Out front, for trash, he had set some sort of automotive power analyzer. I knocked on his door and asked him about it. He said he took it in trade and that it didn't work. I told him I really didn't want it but could I take the stand it came on. I now have a great angled stand for my oscilloscope complete with locking casters. The moral...Keep and eye on the trash.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 03 Aug 1999 20:49:02 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: dbm@klis.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46749] Re: electric fence poly wire for antennas??
Message-ID: <37A79C0E.3C1BE9F9@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave, the d-c resistance is beside the point. What is important is the r-f resistance at the operating frequency. I think that you will find that what you have is not nearly as "good" at HF as that #27 copper wire would be.

But, whatever floats your boat and radiates your signal! ;^)

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Dave Marling wrote:

>
> I just measured the resistance of my electric fence wire 160 meter
> loop. Comes in at 30.8 ohms (loop and 50 feet of 450 ohm twin lead).
> This would fall part way between a #27 and a #28 wire at 0.057 ohms per
> foot.

Date: Tue, 3 Aug 1999 18:50:20 -0700 (PDT)
From: Duane Alles <w9zm@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [46750] Force 12 Antenna
Message-ID: <19990804015020.1877.rocketmail@web505.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello All,

Has anyone used the Force 12 ZR3 vertical dipole? I heard one on the air today and it seemed to work well. I'd like to hear some first hand reports.

Thanks in advance,
73,
Duane, W9ZM

Do You Yahoo!?
Free instant messaging and more at <http://messenger.yahoo.com>

Date: Tue, 03 Aug 1999 19:13:37 PDT
From: "Scott Robbins - VE7CCY" <ve7ccy_srobbins@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [46751] QRP National Park Contest Expedition '99!
Message-ID: <19990804021338.57324.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ok! Almost ready to get out to the park! Just as a reminder to all of you who are interested in the QRP Park event/contest, you can find the contest times/rules at www.geocities.com/SiliconValley/Monitor/1070/events.htm .

Ken, N9QIL, has generously offered to compile scores for the event, so for those of you who are interested in keeping score, we can!! J

So, as far as scoring structure goes, there isn't a whole lot of complication due to the limited power categories! We'll do a direct count of contacts just to make it easy. For future events, if there is enough interest found in this event, a more sophisticated structure can certainly be used.

Send your scores in to Ken at parks@alassociates.com on or before August 14, 1999 to be included in the list. As a note of interest, maybe send your output power beside your call so we can get an idea of each other's achievements!

Just as a final note, I'm not sure if it was stated clearly in the first post, but this will be open to both CW and SSB on the QRP calling frequencies specific for each mode.

We hope to see you out on Saturday!

Regards,
Scott - VE7CCY
(I'll be on 20m CW)

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 03 Aug 1999 21:53:03 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: qrp-1@lehigh.edu
Subject: [46752] Re: 38 Special is taken
Message-ID: <4.1.19990803215110.009fe100@pop.flash.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

OK, OK. I can take a hint.

For Sale: One, unbuilt, original 38-S kit, complete with the very cool book (with the 38 Special on the cover)

\$35,000. First check takes!

Ed, N5EM :-)

At 03:33 PM 8/3/99 -0400, you wrote:

>WOW!!!!!!!!!!

>The response I received from that post makes me want to up the price back to
>\$35,000

>However the first reply came from a Ham in Sweden.

>It's GONE.

>Thanks to all who replied

>Bob

>WA2HOQrp <tm>

Date: Tue, 3 Aug 1999 22:37:20 -0500

From: Jeff Johns <jeffj@scott.net>

To: qrp-l@lehigh.edu

Subject: [46753] FS or Trade...

Message-ID: <199908040337.WAA15956x@scott.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

Content-Transfer-Encoding: quoted-printable

Due to having the itch to build something once again and to the fact that =
I

have aquired an Icom 706, I have the following items that I would like to
sell or trade. If someone is interested in buying the items, please keep =
in

mind that if all possible, I would like to sell them as a package. Email =
me

an offer. I would also consider trades for any of the following: dualband
HT, mobile 2m rig, 10m equipment, computer equipment or maybe an older
laptop computer. Here is what I have up for grabs:

Small Wonders Labs SW40+ 40 meter QRP CW transceiver. Has optional =
factory
enclosure also has optional Freq-Mite frequency counter. Currently set =
for the
Novice section of 40 meters and as most of you know it can be easily
switched to other portions of the band.

NJ-QRP Club Rainbow Tuner with optional beautiful and 'bulletproof'
enclosure. This is an awesome QRP tuner which tunes a longwire for 40 =
meter
operation. It is powered by an internal battery and uses four small =
'rainbow
colored' LEDs to indicate SWR. You can view details of the Rainbow Tuner =
at
<http://www.njqrp.org> The tuner is also easily converted to operation on
other bands through a kit which I believe the NJ QRP Club is still has
available. Connection to the SW40+ is made through a short piece of coax
with BNC connectors on each end, which would be included. The tuner
automatically turns itself on when it senses RF and runs many hours on
the included battery.

Depending on what is offered, either financially or in trade, I also have =
a
Vectronics keyer that has been built into a Radio Shack plastic enclosure
that contains an internal speaker for code practice and is adjustable =
for
about 3wpm to about 30wpm. It is powered by a 9 volt battery.

I am 99% sure that I have manuals for all the above listed items and =
would
also provide them with the equipment.

If anyone is interested, please feel free to email me. Thanks and 73!

Jeff

```
---- Jeff Johns W4JEF - Reserve Patrol Captain ----  
---   Jefferson County Sheriff's Department   ---  
---           Birmingham, Alabama USA           ---  
--- HP200LX & BayPac.. QRP Packet At It's Best! ---  
---- Finger jeffj@scott.net for my PGP RSA Key ----
```

Date: Tue, 3 Aug 1999 21:48:35 -0600 (MDT)

From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Ed Manuel (N5EM)" <n5em@flash.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46754] Re: 38 Special is taken
Message-ID: <Pine.SUN.4.10.9908032147240.9971-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Aug 1999, Ed Manuel (N5EM) wrote:
> For Sale: One, unbuilt, original 38-S kit, complete with the very cool
> book (with the 38 Special on the cover)
>
> \$35,000. First check takes!

Does this include the shipping to US/VE?

72, Paul NA5N

Date: Tue, 03 Aug 1999 23:42:52 -0400
From: Michael C Boatright <ko4wx@mindspring.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [46755] wanted: plans for 20m vertical field antenna
Message-ID: <37A7B6BC.BB3DCFA3@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Armin,

I'm quite happy with 16'8" piece of #24 hookup wire and 2 radials each about the same length. Standard vertical antenna wired up using a 2 terminal strip. Goes into about a 20-25' piece of RG174 and terminates in a BNC connector at my Norcal 20. Tuned for lowest SWR with my MFJ Antenna Analyzer. Whole thing wraps up on a 2"x3" piece of scrap PCboard material. Toss a tennis ball over a 20' or so high branch. Pink string on the tennis ball holds the antenna up during operations, then lowers easily for trip home.

Gotta work out a better method of winding it on the PCB, as during the BB contest it took 15 minutes to get the antenna up (10 minutes spent untangling the wires). Whole station (Norcal 20, 7Ahr gel cell, keyer, filter, water bottles, antenna, coax, pencil, log, notepad) packed up

and was on the trail 10 minutes after shutting down.

I know Russ, AA4QU is partial to inverted V's, but I really like the simplicity of the vertical... I guess technically there's one extra wire (one of the radials, as only 2 1/4 wave wires are needed in the V).

72 de Mike, K04WX

--

Mike Boatright, K04WX
District EC, GEMA, Amateur Radio Emergency Service

A rock pile ceases to be a rock pile the moment a single man
contemplates it, bearing within him the image of a cathedral.
Antoine de Saint-Exupery

Date: Tue, 03 Aug 1999 20:52:23 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: qrp-1@LeHigh.edu
Subject: [46756] FS: W6MMA SLV
Message-ID: <3.0.5.32.19990803205223.009accb0@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,
I've decided to sell my St. Louis Vertical as I just don't use it much. I guess that comes from living in teh "worlds Largest Ponderosa Pine Forest"- plenty of supports for wires. It's the W6MMA kit with the 40m coil and Black Widow mast. I made two radiators as per the instructions, and a set of radials, made from lightweight speaker wire. Everything is in like-new condition. I'll include W6MMA's kit instructions, of course.

Go to <http://www.fix.net/~jparkers/slv.html> to check out the design, and follow the link at the bottom of the page for info on the W6MMA kit. I'm asking \$60.00 and I'll pay to ship it UPS ground in the 48 US. Please contact me directly via email.

Thanks and 72,

Bruce, N7CEE
DM45ee
Flagstaff, Arizona USA
bog@flagstaff.az.us

Date: Tue, 3 Aug 1999 22:52:19 -0500
From: Jeff Johns <jeffj@scott.net>
To: qrp-l@lehigh.edu
Subject: [46757] FS or Trade...
Message-ID: <199908040352.WAA32603x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Tue, 3 Aug 1999 22:36:54 -0600, Jeff Johns <jeffj@scott.net> wrote:

> an offer. I would also consider trades for any of the following: =
dualband
> HT, mobile 2m rig, 10m equipment, computer equipment or maybe an older
> laptop computer. Here is what I have up for grabs:

I forgot to mention that I am seriously interested trading for a HP200LX
Palmtop PC.....

Sorry for the bandwidth.....

Jeff

----- Jeff Johns W4JEF - Reserve Patrol Captain -----
--- Jefferson County Sheriff's Department ---
--- Birmingham, Alabama USA ---
--- HP200LX & BayPac... QRP Packet At It's Best! ---
----- Finger jeffj@scott.net for my PGP RSA Key -----

Date: Tue, 03 Aug 1999 22:59:46 -0500
From: crc <crc@io.com>
To: n5em@flash.net, QRPL <QRP-L@Lehigh.EDU>
Subject: [46758] Re: 38 Special is taken
Message-ID: <37A7BAB2.55FB8BC8@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"Ed Manuel (N5EM)" wrote:

> OK, OK. I can take a hint.
>
> For Sale: One, unbuilt, original 38-S kit, complete with the very cool
> book (with the 38 Special on the cover)
>
> \$35,000. First check takes!
>
> Ed, N5EM :-)

Is that in QRP dollars ?
Charlie WA5KRF

Date: Wed, 4 Aug 1999 00:19:31 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46759] 2n2/40
Message-ID: <000001bede30\$8cf7d040\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got my 2N2/40 packaged in an enclosure tonight. Put it on the air (rotten
condx) and worked HA1TQ, S58A, DK2FG, and YV4JJ.

Vy 73, AI2Q, Alex in Kennebunk, Maine, QRP-L # 687.

Date: Tue, 3 Aug 1999 22:20:06 -0600
From: "Rod Cerkoney" <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46760] QSL Info for UA3AIC
Message-ID: <001d01bede30\$a3f82e20\$848611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Worked UA3AIC, Nick in Moscow tonight on 18.074MHz. But can't find any QSL info about him. I tried QRZ, Buckmaster, and a few other callsign servers, no luck. Can anyone help?

I was using my new K2 at 5watts into an attic dipole (covenants). I've only been using the K2 for about a week or so, but I'm really falling in love with the rig for Low Power DX activities! Excellent ergonomics.

72/3 Rod, NØRC
da di dah

Date: Tue, 3 Aug 1999 21:46:36 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Scott Robbins - VE7CCY <ve7ccy_srobbins@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46761] Re: QRP National Park Contest Expedition '99!
Message-ID: <Pine.GS0.4.10.9908032143050.12548-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Scott and all,

Be ready for lots of activity after 1 hour..... the NAQP starts at 1800z and runs for 12 hours.

Max power for the NAQP is 150 watts so at least there will not be any big KWs around!

FWIW.....the Exchange for the NAQP is:

Name and Location (Start, Province or Country).

I hope to work many of you.

Enjoy,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 03 Aug 1999 22:13:28 -0700
From: David J Adams <adamsclan@netgate.net>
To: qrp-l@lehigh.edu
Subject: [46762] Re: Archive CD's all gone
Message-ID: <37A7CBF8.3B1D9358@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings! I received so many requests for my last six that I went ahead and burned another 10 copies above what was needed. So, possibly for the last time, I have 10 CDs available.

73 de dave, n9uxu

Date: Wed, 4 Aug 1999 01:23:49 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [46763] AOL/QRP-L/email
Message-ID: <c8a35917.24d92865@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The problem I noted before with not receiving all the emails that appear in the archive appears to be intermittent and affects several AOL users. In discussions with AOL it may be related to the new internet providers they have contracted with for email service. I have submitted a notice of the problem and they will be checking into the issue, If you also have problems, call AOL at 888-265-8007 Alan KB7MBI

Date: Tue, 03 Aug 1999 22:44:34 -0700
From: Russ Dow <n7dw@garlic.com>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46764] Re: Understanding Zero Beat

Message-ID: <37A7D342.81A7AAAC@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

Old-timers will recall a low-tech tip-off to an impending pile-up when a DX station was calling CQ.

Some of those ops Monty mentioned, who turned on their transmitters while spotting, could be heard quite well at thousands of miles distance. Many times I heard one WHEEEeeeeoooooooo after another as stations zeroed in on the DX. Didn't matter if it was CW or AM, you could hear them zeroing in. Then pandemonium when the DX stood by, as there were usually others who zeroed correctly, without putting a carrier on the air.

73,
Russ Dow N7DW
Ex-KZ5RD 1957-59, DL4DW 1969-70
(DX Trivia: Where was KZ5?)

Monte Stark wrote:

> Just a little history of the term "Zero Beat".
> In today's world of amateur radio "Zero Beat" might not be a very good
> way to explain what is happening but in the "Old Days" it was.
> Before transceivers everyone used a receiver (RX) and a transmitter
> (TX).
>
> If you had a TX with a VFO you could "Zero Beat" the station that was,
> for example, calling CQ.

< snip >

> Next you turned on the "Spot" switch on the TX. The "Spot" switch was
> used to turn on only the VFO and a buffer or two. This gave you a sig
> you could hear in the RX but that didn't cause QRM on the bands.
> (However, there were many poor ops who just turned on the whole TX and
> "swished" around the bands!)

Date: Tue, 03 Aug 1999 23:00:38 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: waltk8cv@juno.com
Cc: zmola@campbellsci.com, elecraft@qth.net, qrp-l@lehigh.edu
Subject: [46765] Re: [Elecraft] Re: Tech America Soldering Station
Message-ID: <37A7D706.F1F98A77@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've done some good deals with Fair Radio.

Only thing, make sure the military soldering station is not set up for 400 Hz!

I got my Weller WCPT (not right, but you know what I mean) for \$80 at WASSCO .. a June special. It is incredible how much better my soldering is with this unit.

Phil

waltk8cv@juno.com wrote:

>
> Have you checked with FAIR RADIO in LIMA , OHIO they have a MILITARY
> weller wtcp temperature controlled iron (soldering station) and \$80
> dollars of tips included for \$69 dollars?
>
> Page 33 of there catalog called a SOLDERING KIT upper right corner of
> page. catalog WS-99
>
> fairradio@wcoil.com
>
> <http://www.fairradio.com>
>
> phone 419-223-2196 or 227-6573
>
> Walt K8CV Royal Oak, Mi. Qrp-L# 935 Zombie# 188 " We're just a
> small
> subgroup of an eclectic corner of a dying hobby "
>
> On Mon, 2 Aug 1999 10:40:30 -0600 "Carl Zmola" <zmola@campbellsci.com>
> writes:
> >jzaruba@snip.net wrote:
> >> Tech America has a digital soldering station on sale for half
> >price.
> >>
> >> Anyone have any experiences with this unit?

> >
> >No but I want to know too. Last month they had a weller wcc100
> >for \$88, and I tried to order one, but they were out of stock and
> >couldn't back order. :-(
> >
> >The digital station looks nice, does anyone know if the tips are a
> >standard weller or if they are available elsewhere. I'm just affraid
> >of
> >buying a station only to find it useless without tips.
> >
> >Carl
> >
> >Carl
> >zmola@campbellsci.com
>
>
> -----
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.
>
> ---
> Submissions: elecraft@qth.net
> <Please note: The list server automatically rejects HTML encoded emails. >
> List Archive page: <http://www.qth.net/archive/elecraft/elecraft.html>
> Elecraft Web Page: <http://www.elecraft.com>

Date: Wed, 04 Aug 1999 01:59:23 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46766] Fort Tuthill: THANKS
Message-ID: <37A7E4CB.FD4BEF46@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I know this is kind of late because I stayed out touring the countryside for a week after the Hamfest but I wanted to give everyone involved with the Fort Tuthill Hamfest a Big THANK YOU. If you missed this Hamfest be sure and put it on next years calendar. This has got to be one of the best kept secrets in the QRP world. We got a hotel 5 min. from the camping area. I thought the weather was super! While my son, Derek, and I enjoyed temperatures which never exceeded the 80's, back in Arkansas they were recording heat indexes near 130 degrees.

Like with most QRP Forums I didn't get to talk to everyone as much as I would like. The first person I met in the campground with Doug Hendricks was Roger Hightower and I got to play with Bob's K2. I wanted to play more with everyone's station but I couldn't find the time. Also the jewel of the Hamfest was Bob's wife, Bertie, who watched my marker kits and allowed me to attend the forums that I normally don't get to see, being from the midwest. Bertie put up with a lot including my son's basketball. She along with a lot of others (I can't remember their names) manned the Scorpion booth, which allowed several of us to enjoy the festivities.

Speaking of forums, everyone was outstanding. I especially enjoyed Gary Surrency's Forum on the NorCal 20. Though my NC-20 (Doug can attest to this) is a high performance rig, I can't wait to try the AGC and RIT mods. In fact every forum was first class! I've been to Paul Harden's forum's many times but his on the Dessert Ratt Regen has to be one of his best. Dan Tayloe's talk on his transceiver designs was very interesting. Later in the camping area I got to listen to some of Dan's handiwork, VERY nice. Even though I am around contesters all the time, I learned a lot from Chuck Adams, Ron Stark, and Dr. (I can't find a razor blade) Jim Duffey. I missed the talk from Ed Hare but heard it was outstanding and everyone had fun using his Tuna Tin and letting the smoke out of it for him the first day. They installed another bullet in the Tuna Tin the next day and left one 9 volt battery instead of using two, which lasted through the rest of the Hamfest. Ed, I will find time to talk to you later.

I would like to also thank Gary and Brad from Embedded Research for the opportunity to build and have SMT Keyer. I kept looking for a slack period to build my keyer and made the mistake of sitting next to Larry East, who was about finished with his. Every time I would line up one of my components on the board, Larry would pop off with his one liners which made me start laughing and made the whole process a lot more difficult than it should have been. Thanks to Gary and Brad plus Dr. Megacycle turning me on to some special tweezers, I will be building more of SMT stuff in the future.

The last people I need to thank are Doug and Jo Ann Hendricks, they treated my son, Derek, like a king while I was enjoying the Hamfest. Jo Ann set Derek up with a game gear along with all he could eat and drink. The Hamfesters were especially grateful that they didn't have to hear Derek's basketball bounce in the flea market area while they were trying to talk.

Another neat demonstration that I don't think was on the forum list was done by Tom, "Have Spud will Travel". If you have not seen Tom use his Spud Gun to launch antenna support ropes, you are really missing out. >From what I saw in the mods Tom made, his gun now uses compressed air

and looks very safe, if used right. I hope I get one built before the gun police come and get me. Thanks Tom for the demo.

I sure enjoyed meeting and talking to everyone I've met on the air or internet. It was nice putting a face with the fist/typist. Like, Brian, Gary, Dan, Dave, Jim, Ed, Ron, Larry, Jerry, Jim, Bob, Doug, and many more that I forget their names and calls. I look forward to hanging out with you guys more next year.

The dinner put on by the Scorpion crew Saturday evening was fantastic. I got to play with Paul Harden's Regen, and we all had a big laugh over him jamming Vern's SSB rig. I also got to make a contact on Vern's rig and antenna on 20 meters to a group that knew me and thought I was back in Ft. Smith (what-a-hoot). I can't remember the chef at the grill (I think it was Mike) but he grilled our steaks to perfection. Of course, Doug takes the credit for this since he went to the store with Derek and I and picked them out for us. Jo Ann sprinkled on some special NorCal seasoning, which is a guarded secret in the Hendricks family. The food and fellowship among the pines was awesome. Capping the night off was the annual campfire talk around. This was a very neat sight to see, but I was enjoying Jim's, alias Dr. Megacycle, company from a few picnic tables away. I wanted to stay longer but Derek and I had to catch a train early the next morning to see the Grand Canyon.

While we were in the area we took in Las Vegas and Hoover Dam. But the temperature was definitely not in the 80's that day. There are a ton of things to see from the Flagstaff area and I look forward to next year, seeing some new things, while enjoying next year's Scorpion's QRP blow-out.

One final note, on our way back Derek and I cruised up to Four Corners and stopped at Cortez, Colorado to visit Barry and Shirley Wiseman of Electric Radio Magazine. Barry showed off and fired up a few of his boat anchors. After dinner, I whipped out my NC-20, Gel Cell, Kent paddles and hooked them up to Barry's ladder line fed dipole. He was very impressed with what's going on in the QRP world and what a \$100 kit could do. He hasn't worked any CW in years but was copying everything in his head perfectly, which surprised me. I don't know if I converted Barry over to QRP, but he sure got pumped up on the CW. I know Barry is pretty covered up with the Magazine, but thanks to the NC-20, the QRP seed has been sewed.

All of this ended too soon. I had to get back to this great weather in Arkansas, VE3DNL kits, and building new DSW-30 kit from Dave Benson. We need to take up a collection to buy Dave a much bigger suitcase for next year. I enjoyed meeting Dave again and the feeding frenzy was tough on the ones who didn't get a kit. Only the strong survived the frenzy. The kit is built and it is a one tough hombre as a backpack rig. I have

been having a ball with it when I can find the time to get on the air.

Many thanks to the Scorpion bunch and all that participated and I hope to see you next year.

73 de w5jay..

Date: Wed, 04 Aug 1999 00:41:00 PDT
From: "Eric Bikales" <ac6nt@excite.com>
To: QRP-L@lehigh.edu
Subject: [46767] Zero-beat me 8 to the bar
Message-ID: <933752460.16849.10@excite.com>
MIME-Version: 1.0
Content-Type: text/plain

Howdy,

Regarding this zero-beat thing, I just tune the other station's frequency so that his "pitch" is exactly the same as I remember my side-tone to be. If I'm a little off, I tune him up or down a bit, to get the two pitches exactly in tune, just like the strings of a guitar. It's totally an "ear thing" for me. Jeez, have I been doing it wrong all this time? P.S. Thanks very much to all of you who took the time to help me in my "AOL digest debacle" The jury's still out on that one, but I now receive digest mode on Excite.com.

73,
Eric Bikales
AC6NT@excite.com

Get FREE voicemail, fax and email at <http://voicemail.excite.com>
Talk online at <http://voicechat.excite.com>

Date: Wed, 04 Aug 1999 10:53:34 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: ko4wx@mindspring.com, qrp-l <qrp-l@lehigh.edu>
Subject: [46768] Re: wanted: plans for 20m vertical field antenna
Message-ID: <37A81BAE.DC81AE22@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Michael C Boatright wrote:

>

> Armin,

>

Try winding 10 turns up in front of you, over the upper edge of the PCB, down the side away from you and then up again in front of you.

Then turn the PCB 180 deg around the axis pointing to your bobby and wind the next turns down in front of you, over the lower edge of the PCB, up the side away from you and then over the upper edge of the PCB and down again.

Do the switch each 10 turns and do the same when unwinding, you will now have no problems with twisted line.

73

Goran ea8yu

> Gotta work out a better method of winding it on the PCB, as during the
> BB contest it took 15 minutes to get the antenna up (10 minutes spent
> untangling the wires). Whole station (Norcal 20, 7Ahr gel cell, keyer,
> filter, water bottles, antenna, coax, pencil, log, notepad) packed up
> and was on the trail 10 minutes after shutting down.
>

Date: Wed, 04 Aug 1999 07:02:10 -0400
From: Bill <blazure@WSTM.COM>
To: QRP-L@lehigh.EDU
Subject: [46769] Is QRP-L Web Page OK?
Message-ID: <37A81DB2.77F@WSTM.COM>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

For the past two days, every time I try to access the QRP-L Web Page, I get the message "Connection Refused". Is the Web page OK? Has

the address changed? The address I'm trying is <http://qrp.cc.nd.edu>
Any ideas?

Bill
W2EB

Date: Wed, 4 Aug 1999 06:46:49 -0500 (CDT)
From: "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
To: Phil Wheeler <w7ox@mindspring.com>
Cc: elecraft@qth.net, qrp-1@lehigh.edu
Subject: [46770] Re: [Elecraft] Re: Tech America Soldering Station
Message-ID: <Pine.LNX.4.04.9908040634240.15972-1000000@divis17.ped-gen.uiowa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

hi phil and all,

i bought the Weller military WCPT from Frai Radio over a year ago. it is excellent. the collection of tips is real nice, and it includes a desoldering tip which has come through for some difficult desoldering. the case is good too. you can use "normal" WCPT tips available from either Mouser and/or DigiKey (i don't remember which). it is standard 110v/60 Hz epqt. here's the URL for their on-line catalog:

<http://www.fairradio.com/weller.html>

> I've done some good deals with Fair Radio.
>
> Only thing, make sure the military soldering station is not set up for
> 400 Hz!
>
> I got my Weller WCPT (not right, but you know what I mean) for \$80 at
> WASSCO .. a June special. It is incredible how much better my soldering
> is with this unit.

> > Have you checked with FAIR RADIO in LIMA , OHIO they have a MILITARY
> > weller wtcp temperature controlled iron (soldering station) and \$80
> > dollars of tips included for \$69 dollars?

--adam, ak0p

Adam B. Kanis, AK0P
adam-kanis@uiowa.edu QTH: Wellman, IA (Near Iowa City) EN41ck
--- ARRL:RSGB:QRP-ARCI:GQRP:QRP-L:NorCal:Iowa QRP:SEITS ---
** On the web at <http://genome33.ped-gen.uiowa.edu/hamradio> **

Date: Wed, 04 Aug 1999 02:47:35 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: w7ox@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46773] Re: [Elecraft] Re: Tech America Soldering Station
Message-ID: <37A7E207.1D9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys,

>
> I've done some good deals with Fair Radio.
>
> Only thing, make sure the military soldering station is not set up for
> 400 Hz!

>
Sitting on the desk about 10 feet away is one of the FAIR Radio soldering sets. Rather than the blue plastic boxes that Weller usually uses, it is in an olive drab metal box about 12" long, 5" wide, and 3" thick. There is an accessory that holds the iron and all the tips are inside. I have had it for about three years now. It is MOST definitely quite a bargain and not 400 Hz. I would recommend it whole heartedly. FAIR Radio has many real bargains.

73

Date: Wed, 4 Aug 1999 09:21:15 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46774] Re: 38 Special is taken
Message-ID: <001701bede7c\$3bf55f40\$3f1105d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi Ed,

> > \$35,000. First check takes!

Is the price in millidollars?

73 de Vince, VE3VFN.

<http://qrp.freesevers.com>

Date: Wed, 4 Aug 1999 09:23:53 EDT
From: Bensondj@aol.com
To: qrp-l@lehigh.edu
Subject: [46775] QRP Afield: September 18th
Message-ID: <55086970.24d998e9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

gang-

The 'QRP Afield' operating event will be held on the third Saturday in September (the 18th). Rules will follow shortly. For those just joining us, this is an operating sprint originally hosted by the New England QRP Club, and is the granddaddy of such events. It's a great time of year to get outside, so mark your calendars for this event!

We're trying to work out something special to reward the operators who venture afield, and the folks who work them, too). I can say no more (mainly because it hasn't been figured out yet).

72- Dave Benson, NN1G

Date: Wed, 4 Aug 1999 09:49:05 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [46776] QRP-L HELP
Message-ID: <ef90b9ab.24d99ed1@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey folks,
NOT SURE IF THIS WILL GET THRU.

I need some assistance in contacting the folks running QRP-L. Virtually only about 10% of emails (if that) are now getting thru (not even my own I send out to the list) and when I tried to tie into QRP-L main site
<<http://QRP.CC.ND.EDU/QRP-L/index.html>> I get the message CONNECTION REFUSED

As noted in a previous message AOL says it is either the LEHIGH site or one of AOL email servers. But this latest message is confusing. I seem to be caught in a CATCH 22 here

Sorry if I inconvenienced some of you with this message Alan KB7MBI

Date: Wed, 04 Aug 1999 10:06:00 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: QRP-L <qrp-l@Lehigh.EDU>, NOGA QRP-list <nogaqrp@qth.net>
Subject: [46777] Radio & the Internet
Message-ID: <37A848C7.F9A4E4D1@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Great report on yesterday's NPR "Morning Edition" program titled "Radio & the Internet." Traces the beginnings and maturing of radio (esp. influence of "amateurs" on development of commercial radio) and parallels to the beginnings and maturity of the Internet/World Wide Web. Includes interview with Harry Mills (age 92), K4HU, in Hendersonville, NC.

Report is archived at:
<http://search.npr.org/cf/cmn/cmnpd01fm.cfm?PrgDate=08/03/1999&PrgID=3>

(you need the RealPlayer, which is available free for download at
<http://www.real.com>).

72 de Mike, K04WX
--

Michael C. Boatright, Sr. Tech Lead, iXL Atlanta
District Emergency Coordinator, Georgia Emergency Management Agency

404-267-7989, ko4wx@mindspring.com

A rock pile ceases to be a rock pile the moment a single man
contemplates it, bearing within him the image of a cathedral.
Antoine de Saint-Exupery

Date: Wed, 4 Aug 1999 10:21:05 EDT
From: Robsparks@aol.com
To: qrp-l@lehigh.edu
Subject: [46778] AR QRP 40m Net tonight
Message-ID: <d0e55c84.24d9a651@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

Bored? Tired of the same old QSO? You know the type, "RIG R IS _____, WX HR IS _____." Do something different tonight! Try checking into the AR-QRP 40 m net tonight, Wednesday, at 0030Z (7:30 CDT) at 7.042 MHz. Bob, AB5ZD is NCS and will be calling "CQ AR QRP NET de NQ5RP PSE QNI". At that time, please send your full call. When I copy it, I will return your call and AS (stand by) while more call in. When I have the list, I will start at the top and go down the list for comments. If you are building a rig or trying a new antenna, tell us about it! This is a fun and informal net, and is a low hassle way to learn how to check into a net. You don't need to be a member of the AR-QRP Club to check in. We welcome new check-ins!

72,

Bob AB5ZD

Date: Wed, 04 Aug 1999 10:25:47 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [46779] Radio & the Internet
Message-ID: <37A84D6B.330C3CAE@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Great report on yesterday's NPR "Morning Edition" program titled "Radio & the Internet." Traces the beginnings and maturing of radio (esp. influence of "amateurs" on development of commercial radio) and parallels to the beginnings and maturity of the Internet/World Wide Web. Includes interview with Harry Mills (age 92), K4HU, in Hendersonville, NC.

--

Michael C. Boatright, Sr. Tech Lead, iXL Atlanta
District Emergency Coordinator, Georgia Emergency Management Agency
404-267-7989, ko4wx@mindspring.com

A rock pile ceases to be a rock pile the moment a single man
contemplates it, bearing within him the image of a cathedral.
Antoine de Saint-Exupery

Date: Wed, 4 Aug 1999 11:06:37 -0400
From: "dor" <elbc@pivot.net>
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46780] Re: QRP-L HELP
Message-ID: <000901bede8a\$f4934d60\$a010a1d0@mine1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

hi Allen,
I Could not connect to the Qrp-l Web page today either.
Just comes up page not available. must be problems with their server
73 dave

----- Original Message -----
From: <ARDUJENSKI@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, August 04, 1999 9:49 AM
Subject: QRP-L HELP

> Hey folks,
> NOT SURE IF THIS WILL GET THRU.
>

> I need some assistance in contacting the folks running QRP-L. Virtually only
> about 10% of emails (if that) are now getting thru (not even my own I send
> out to the list) and when I tried to tie into QRP-L main site
> <<http://QRP.CC.ND.EDU/QRP-L/index.html>> I get the message CONNECTION
REFUSED
>
> As noted in a previous message AOL says it is either the LEHIGH site or
one
> of AOL email servers. But this latest message is confusing. I seem to be
> caught in a CATCH 22 here
>
> Sorry if I inconvenienced some of you with this message Alan KB7MBI
>

Date: Wed, 4 Aug 1999 09:18:52 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [46781] X-class Flare tuesday
Message-ID: <Pine.SUN.4.10.9908040902230.12903-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
There was a fairly large, X-class flare on the sun yesterday.
However, it came from area 8647, which is in the sun's southern
hemisphere and approaching the limb (it will rotate out of view in
2-3 more days), and thus will not effect the earth (inspite of what
Art Bell reported last night about it). A moderate to large solar
flare spews out a huge amount of mass/particle radiation that rides
along the shock wave from the event. This shock wave must hit the
earth (in 2.5+ days later) to trigger geomagnetic storming. Flares
originating near the solar limbs just don't have the trajectory to
hit the earth.

The solar flux is 211, or quite high. The geomagnetic field is a
bit active with tuesdays A-index = 9 and K-indexes running about 2.
Smaller C and M class flares past few days has kept our geomagnetic
field a bit disturbed and will continue to do so over the next few
days, but not to a constant level preventing QRP QSO's.

Of interest is a VERY LARGE sunspot region now towards the center of
the sun. If this region should produce a large M-class flare or X-
class in the next few days, we *will* be the bull's-eye for what it
decides to fling out into space at us.

Thus ... 20M-10M are open for daytime propagation
40M is mildly noisy daytime, less so at night

GL es 72,
Paul NA5N

Date: Wed, 04 Aug 1999 11:16:00 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [46782] Radio & the Internet
Message-ID: <37A85930.78B038E9@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The NPR report is archived at:
<http://search.npr.org/cf/cmn/cmnpd01fm.cfm?PrgDate=08/03/1999&PrgID=3>
(you need the RealPlayer, which is available free for download at
<http://www.real.com>).

--

Michael C. Boatright, Sr. Tech Lead, iXL Atlanta
District Emergency Coordinator, Georgia Emergency Management Agency
404-267-7989, ko4wx@mindspring.com

A rock pile ceases to be a rock pile the moment a single man
contemplates it, bearing within him the image of a cathedral.
Antoine de Saint-Exupery

Date: Wed, 4 Aug 1999 10:59:22 -0400
From: "John Mason" <john_mason@mohawkind.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [46783] Re: Help with antennas for 80 meters
Message-ID: <010f01bede8e\$210a5480\$1332140a@Mohawk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

John,

I like the approach for this antenna... but could you define "longer the better" for the whip and the PVC "bottom"? Would an automobile whip from the local parts store do the trick (its probably about 1 meter)? I picked up one a few months back to replace the one the kids broke... about \$5-\$7.

Also, what would be a good starting length for the coil wire?

What would the lengths be for other bands? Could the whip be used to adjust the length for other bands? Or is that what an antenna "tuner" is used for?

Would a 1/2 wavelength antenna at 40M be a 1/4 wavelength at 80M? What about 20M... full wavelength? 2X wavelength at 10M?

I'm full of questions... too many to put down on paper and don't know enough to know how to word them!

But learning more each day. Thanks fellows...

John_Mason@MohawkInd.Com

Date: Wed, 04 Aug 1999 10:45:34 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: n7dw@garlic.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46784] Re: Understanding Zero Beat
Message-ID: <37A8601E.E4AF6A5D@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A lot of rigs in those days had a spotting mode in which only a weak signal was put out for the companion receiver to pick up, etc. Many of those weak zero-beating signals were probably milliwatt signals "making the trip" for thousands of miles. ;^)

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County

QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Russ Dow wrote:

>
> Hi gang,
>
> Old-timers will recall a low-tech tip-off to an impending pile-up when a
> DX station was calling CQ.

Date: Wed, 4 Aug 1999 15:56:47 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <w7ox@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46785] Re: [Elecrafft] Re: Tech America Soldering Station
Message-ID: <001601bede89\$9452e920\$c742b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Phil,et al

You folks are worrying way too much. Several people, myself included, have said that the station is brand new and works fine. I don't understand the need to continuously worry over nothing!. If you really want to pay more for the same station, go ahead! But, I've had mine a year now and its built a Sierra, OHR500, NC20, W9GR DSP III, and a Tkit 1330 and guess what, they all WORK. The solder melted correctly, no boards were scorched and guess what, I'm having fun with the radio equipment.

It's not the soldering iron that counts, its the person using the iron that counts. I don't see many posts where the blame for a broken radio is laid on the soldering iron.

Congrats Phil on the new K2, I finished mine a couple of weeks ago, using my Fair radio iron, and mine works great. I'm sure you will enjoy it.

73/72 de Steve, W8SFF

Date: Wed, 4 Aug 1999 12:22:03 -0400 (EDT)
From: lujce@Lehigh.EDU
To: ARDUJENSKI@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [46786] Re: QRP-L HELP
Message-ID: <199908041622.MAA17082@nss4.cc.lehigh.edu>
Content-Type: text

AOL'ers,

I have investigated several reports of AOL subscribers not receiving the QRP-L digest. In all these cases a detailed SMTP transaction log at this end shows AOL accepting the mail without complaint. I'm guessing the same is also true for non-digest subscribers, only you sometimes receive the mail. I have no idea what is happening to the mail within AOL...

Contact Steve.Hideg.1@nd.edu regarding QRP.CC.ND.EDU. In the meantime you can access the QRP-L archives directly at:

<http://listserv.lehigh.edu/lists/archives/qrp-l>

73

Jim N3VXI

> Hey folks,
> NOT SURE IF THIS WILL GET THRU.
>
> I need some assistance in contacting the folks running QRP-L. Virtually only
> about 10% of emails (if that) are now getting thru (not even my own I send
> out to the list) and when I tried to tie into QRP-L main site
> <<http://QRP.CC.ND.EDU/QRP-L/index.html>> I get the message CONNECTION REFUSED
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> of AOL email servers. But this latest message is confusing. I seem to be
> caught in a CATCH 22 here
>
> Sorry if I inconvenienced some of you with this message Alan KB7MBI
>

Date: Wed, 4 Aug 1999 09:20:53 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [46787] Fw: Re: Re: okay.. i think i am ready..
Message-ID: <19990804.092055.-107973.2.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all that replied to my original post, below. Yes, I knew about using the CW & CWR on the 706 to "zero beat". You are right, it is a more accurate method of zeroing in, but, the method below seems to get me

within 20 or 30 Hz. "Close enough for Government work", as we used to say, and much faster.

Thanks again,

73/72

Bill, K6MGO

-----Original Message-----

From: william h ross <k6mgo@juno.com>

>I don't know if I am wrong, but, with my IC-706 and Timewave DSP-9, I
>tune in a signal with the band pass narrowed down to 100 Hz. Then I
>adjust the freq. dial for what sounds normal to me. Is this the right
way
>to do it?

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 04 Aug 1999 16:34:02 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [46788] Antenna Measuring tips?
Message-ID: <37A86B7A.40BF@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang. As L.B. Cebik always points out, you should always have the lengths of your antenna system mapped out.

Since I already had those, I decided to add RF measurements to the antenna experiment data as well.

Unfortunately, I found it difficult to measure the end-fed wire. Two methods were used:

- #1: GDO (Grid Dip Oscillator)
- #2: RF-1 (Autek RF Antenna Analyzer)

The feedline was removed and I attempted to measure just

the end of the wire where it is 7 feet above ground. The Autek center conductor was attached to the wire and I floated the ground wire. Perhaps I need a ground to properly test the sloper. Readings were impossible and SWR readings are referenced to 50 Ohms so this technique was not useful.

The GDO fared much better for a wire without a ground. I added a 1 foot extension wire and coiled 6 turns around the GDO plug-in coil. Unfortunately the coupling required to get a reading was significant. The GDO interacted with the coupling wire and the maximum freq. of the GDO went from 7.5 MHz to 6.8 MHz for that plug-in. The next higher plug-in covered 7.3 MHz thru 18 MHz so I still couldn't get any in-band readings.

I will be using the water drill left behind at this new qth.
(That's right! There was a water drill found here. Ham Heaven.)

I am going to put in a nice ground system for the radio so I'll do that tonight and measure the antenna with a ground connected.

Anyway, if anyone has some tips on measuring with a GDO and Autek RF-1 to a single wire sloping antenna, I'd be much obliged.

Thanks. 72/Ed we6w

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Wed, 4 Aug 1999 12:41:43 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <ac6nt@excite.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46789] RE: Zero-beat me 8 to the bar
Message-ID: <NBBBJDEEIFDDANGEGHLBKEKMGHAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello all... there's a big difference between OPERATING and trying to be exact. As you become familiar with ANY rig, you pretty much learn-by trial and error-where the right spot (passband side of Zero Beat & ~ tone freq) is for QSOs. I don't actually go through all that ZERO beat stuff, I just know-like Eric-where the ~ right spot is, and tune there. The biggest single

thing that I like about passband tuning/IF shift/whatever is that it allows me to shift to the much lower tone I personally prefer to use.

This is especially true for (most) direct coupled rcvrs (in xcvs) which have two rcvd signals to deal with-one on each side of the passband. To learn the correct one in that case, I usually have used a 2nd rcvr, picked out a signal, tuned the DC rcvr to the upper or lower side of the signal (RIT-if any-OFF!!!), transmitted briefly, and listened for a tone in the 2nd rcvr (no antenna or just a wire.) IF the transmitted signal is on the wrong side of the bandpass, then you know it's the other side of zero-beat. Once you know, put a A(bove ZB) or a B(elow ZB) somewhere around the rig, so you won't forget.

I DO often check where zero is when using rcvrs that have passband tuning, since you may occasionally get off the right side. But usually not.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

Date: Wed, 4 Aug 1999 12:46:59 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [46790] Solder temperatures?
Message-ID: <000b01bede98\$fb7e3460\$b742fea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I will be receiving my digital solder station soon.

Are there specific temperature settings that should be followed for different types of components?

I want to be sure to solder at the right temp <grin>

Thanks and 73 de KF4CPJ
George Goodroe
St. Petersburg, FL USA

Date: Wed, 4 Aug 1999 09:55:41 -0700 (PDT)
From: David J Adams <adamscian@netgate.net>
To: qrp-l@lehigh.edu

Subject: [46791] QRPL CDs gone
Message-ID: <199908041655.JAA12473@u1.netgate.net>

Greetings! All the copies of the QRPL CD I have are now gone. I will not be burning anymore until the next revision is released.

73 de dave, n9uxu

Date: Wed, 4 Aug 1999 12:56:23 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ap036@detroit.freenet.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46792] Re: [Elecraft] Re: Tech America Soldering Station
Message-ID: <003501bede9a\$499e6600\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Phil,et al

>
>It's not the soldering iron that counts, its the person using the iron that
>counts. I don't see many posts where the blame for a broken radio is laid
>on the soldering iron.
>
>Congrats Phil on the new K2, I finished mine a couple of weeks ago, using my
>Fair radio iron, and mine works great. I'm sure you will enjoy it.
>73/72 de Steve, W8SFF

Not that it was a radio, but I picked up my TCP Weller station when it trashed out a Radio Shack computer. To be fair, it wasn't the iron though.

The repair center was newly opened and in 99% or more of the situations, the board was out of the case on the bench being worked on. Well, one day the tech soldered a board still plugged in.

POW!!

Blown board.

It didn't happen a for a while, then one day he was soldering a wire and POW! again. This time it melted the tip of the iron and destroyed what he was working on.

Well, the iron went in the trash. So I salvaged it.

But it turned out that ONE of the benches was wired with hot on the ground. When the 'grounded tip' iron happened to hit something that had a true ground path... You get the idea.

So it wasn't the iron's fault. Although I always wondered why that was a 'hard ground' instead of a say a 10K or 100K ground to the tip.

No matter, I got a station for the price of a new tip. Had it since 1979...

The moral is, NEVER trust anyones work where your safety is concerned. I'll let others do the work, but I always check it if it's my butt that would get fried. Since then, my toolbox has ALWAYS had one of those 3 LED outlet checkers. When I bought my house in 1987, I found that fully 1/2 of the outlets in the den were wired with a swapped hot and neutral, and most didn't even have the ground hooked up. And the pool had the GFI wired wrong, it wouldn't trip, and WOULD shock off the motor.

Worst of all though was the cable TV. It was 'grounded' not at entry to the house, but inside, with the ground leading not to a cold water pipe, but to an ELECTRICAL junction box in my furnace room, which just happened to have a HOT GROUND!!!! Talk about irony, it was the ONLY junction box in the whole basement that the case was connected to a wire, and it was actually connected to the ground wire, but the PREVIOUS junction box in the circuit was where the hot got onto the ground wire.

Mike Yetsko
N1DVJ

Date: Wed, 4 Aug 1999 13:02:58 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <goodroe@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>
Subject: [46793] Re: Solder temperatures?
Message-ID: <003c01bede9b\$348b63c0\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I will be receiving my digital solder station soon.
>
>Are there specific temperature settings that should be
>followed for different types of components?
>
>I want to be sure to solder at the right temp <grin>
>
>Thanks and 73 de KF4CPJ
>George Goodroe
>St. Petersburg, FL USA

Try to use about 700. Anything hotter and you're putting too much energy to the tip. Anything colder and you have your tip sitting there with too little energy, that gets depleted too fast and you tend to hold the iron on the work area too long. Of course, this implies common 60/40 solder or close to it. If you use silver solder, then you may need to boost the temp. Or if you are using special low-melt solder, then cut it back. But 700 is a good starting point if all else is common.

You may also feel that, depending on what you're actually working on, a boost is helpfull. PL-259s, with the huge thermal heat sink they represent, may benefit from kicking the station to all it will do, and using a tip that has a lot of 'thermal mass'. Personally, I always use a multi-wattage Weller gun for 259's. As to fine ICs? I use my Weller station, at 700, but I use a 1/64" chisel tip. These were not standard Weller tips, but aftermarket. I take off and redo SM parts with that.

Mike Yetsko
N1DVJ

Date: Wed, 4 Aug 99 10:16:29 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-l@lehigh.edu
Subject: [46794] oscillators
Message-ID: <Chameleon.933787224.anthony@anthony>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Has anyone out there been messing with free-running oscillator transmitters? After all the regen hoopla I thought I would try and get a 20's style Hartley on the air. My design goal was solid state with one device, 40m and 500mW. I got one sorta working and made a few contacts with it, but it doesn't sound too good. I used an IRF510 as the oscillator.

Any ideas?

Anthony Felino, Pacific Information Design
email: anthony@pacinfosb.com, afelino@eng.delcoelect.com
telephone: (805) 730 1565, x25
fax: (805) 730 1569

Date: Wed, 04 Aug 1999 12:28:08 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46795] Re: Antenna Measuring tips?
Message-ID: <37A87828.1D1A204D@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The presence of your body near the antenna will have some effect on your measurements.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Date: Wed, 04 Aug 1999 12:33:08 -0700
From: Tim Ahrens <tahrens@hilconet.com>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46796] Re: Back from Yosemite.
Message-ID: <37A89574.EFB7A46@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed wrote:

> I chanced a 100% sun exposure for a bit until a high-flying
> airplane could be heard. None the wizer of my daring.

Heard that a couple of the mil spy satellites had some equipment malfunctions.. something about broken lenses! hehe

Glad you had fun Ed!

cu

Tim W5FN

Date: Wed, 04 Aug 1999 12:53:21 -0700
From: Tim Ahrens <tahrens@hilconet.com>
To: jjmcd@tm.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46797] 2N2/40
Message-ID: <37A89A31.1F0D1325@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Been working on the rig (really Jim!)... anybody else had problems with the 'pads' coming loose when glued down to the black silkscreen?

just wondering if my glue isn't sticky enough!

Tim W5FN

Date: Wed, 04 Aug 1999 14:01:49 -0400
From: Mark Sailer <msailer@msailer.rhic.bnl.gov>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [46798] FS:HM-9 QRP Wattmeter (HW-9 Accessory)
Message-ID: <37A8800D.8B9AD3A1@msailer.rhic.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have for sale a HW-9 station accessory

HM-9 QRP Wattmeter w/ manual (wired for HF)
In working order
\$60 each plus shipping

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====

Mark Sailer, N2JTW msailer@buoy.com
Lake Grove L.I., NY

Date: Wed, 4 Aug 1999 14:04:51 EDT
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [46799] wtb qrp
Message-ID: <aef39a3d.24d9dac3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang
I'm still looking for a SST 40-M or an SST 20-M qrp rig.

=====
So far Hans has not responded to me with his address so that I can mail out the 38 Special to him.
If I don't hear from him by 5PM EST., it's up for grabs for the \$6.00 shipping.
Remember this is a non working rig.
Bob

WA2HOQrp <tm>

Date: Wed, 4 Aug 1999 11:21:09 -0700
From: "Jim Johnson" <km7h@gte.net>
To: <qrp-l@lehigh.edu>
Subject: [46800] PM3A problem & fix
Message-ID: <199908041822.NAA05779@mail1.gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I don't know if anyone else has run across this, but it may be of interest.

I picked up a very nice PM3A awhile back, but it seemed to lack sensitivity. I could hear signals, but they were weak and largely masked by noise in the receiver.

What I finally tracked it down to was a poorly functioning product detector. I don't have elaborate test and diagnosis facilities, but the scope showed a signal loss in the product detector rather than a gain. I suspect it was acting as a diode rather than a transistor - hence the weak signal.

I swapped the mosfet for another and all was well.

Jim Johnson, KM7H
Mukilteo, WA
QRP ARCI #3497

Date: Wed, 04 Aug 1999 18:24:58 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [46801] Field Repair of radios.
Message-ID: <37A8857A.121@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang, as a side note to fixing my OHR-100 original out in the field (where I used duct tape to hold the pwr. control

potentiometer at an angle), I had seriously pondered heating up a nail or something to tack solder the pot wiper if need be.

All this soldering station topics reminded me of this thought.

I do have an abundance of match solder but haven't had occasion to use it.

OH! OH! One more ha-ha funny from the Yosemite trip.

To hold the Black widow pole vertical I phanagled (tech. term) my back pack by cinching the top string after inserting the base of the pole inside, wedged between the frame and a box which held my equipment.

That lasted about 10 minutes and the wind caused the pole to lean.

Next I found a suitable rock and carried it over to the pack. I strapped the pack around the rock using the shoulder and waist straps.

I turned to K7GT and announced it was "ROCK SOLID".

Hee, har , groan!

Later up on the Granite rock mountain, I added a rock inside the pack as well.

Very Rock Solid!

72/Ed we6w

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-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Wed, 4 Aug 1999 18:41:06 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46802] Re: [Elecraft] Re: Tech America Soldering Station
Message-ID: <008a01bedea0\$8ad98f40\$c742b3c7@sorrells>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yep, Mike, you confirmed my point, it wasn't the iron's fault.
By the way, I believe in many parts of the country, building inspectors do pretty much 'drive by' inspections anymore. It is very common in these parts to hire a private inspector for your new or existing home purchase. In many circumstances, these inspections and the responsibility to pay for these inspections is spelled out in the purchase agreement but you NEVER let the builder/seller hire the inspector, for obvious reasons.
73 de Steve

Date: Wed, 4 Aug 1999 11:38:28 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [46803] Spring and Summer QRPP
Message-ID: <01bedea8\$8b4cf0e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Spring QRPP is still being printed. Hopefully it will be done an mail in the next few days. I am writing Summer QRPP at this time, and will send it to the printer as soon as the Spring issue ships. We are trying to get back on schedule and appreciate your patience and understanding. 72, Doug

Date: Wed, 4 Aug 1999 11:35:59 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [46804] Pacificon QRP Forum Announcement
Message-ID: <01bedea8\$32c69660\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

NorCal QRP Club will again be sponsoring the QRP Forum at Pacificon this

year and we have an outstanding lineup of speakers. They are:

Dick Pascoe, G0BPS, Folkestone, England
Paul Harden, NA5N, Socorro, NM
Mike Gipe, K1MG, Saratoga, CA
Jim Kortge, K8IQY, Fenton, MI
Jim Duffey, KK6MC, Cedar Crest, NM
Joe Everhart, N2CX, Brooklawn, NJ

All of these speakers are world famous Qrpers, and I am sure that you are looking forward to hearing them and meeting them in person. The forums will be held on Saturday, and we have expanded the program to include some events on Friday. We will have an early bird building and operating event, with 50 Tuna Tin 2 transmitter and 50 MRX Receiver kits being built and operated in a special event on Friday. This one has never been done like this, and it will be a lot of fun.

The event is held at the Sheraton Hotel in Concord, CA and it will be on Oct. 15, 16 and 17. The Sheraton is offering convention attendees and exhibitors a special Pacificon 99 room rate of only \$79 for each night (single/double), if reservations are made before October 1, 1999. You must ask for the Pacificon 99 rate before October 1st when you make your reservations to get this special rate. To make reservations, call 1-800-325-3535. The Sheraton is a very nice hotel, and rooms normally are \$125 per night.

There is a Pacificon web site and the URL is www.pacificon.org check it out for more information.

The QRP events scheduled are:

Friday afternoon: Building Event. 50 people will build Tuna Tin 2 Transmitters and MRX Receivers from kits supplied by NorCal. Builders will need to supply tools to build with. More details later.

Friday night: Special Pacificon Fox Hunt. We will have a "guest fox" who will work the Tuna Tin 2 stations and MRX receivers that have been built earlier that day. We will meet in an announced location and use dummy loads for antennas. Should be a riot. Everyone will have the same rig, and the same antenna. (Note this will not count in the regular fox hunt run on QRP-L, we will just be using the same format.)

Friday night: QRP Open House 7PM til Midnight

Friday night: No Host Dinner at Fuddrucker's Burger Emporium. (No, we aren't going back to Tony Roma's, grin).

Saturday QRP Forums 9 AM, 10 AM, 11 AM, 1 PM, 2 PM, 3 PM

Saturday Night: QRP Open House featuring the NorCal Building Contest (more later on this one).

What is the charge for all of this? Nothing. Zero, Nada for the Qrp events. Pacificon does charge \$5 for advance tickets and \$8 at the door.

QRP Badges. Yes we will have them and Jerry Parker, WA6OWR will be handling that and announcing details soon.

Compendium. Yes we will again have a compendium, and no it will not be available for sale after the event.

Ok, that should do if for now. If you have questions, please email me. 72, Doug

Date: Wed, 4 Aug 1999 11:06:31 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [46805] NorCal 20 Matching Cases Available
Message-ID: <01bedea4\$14bd36a0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, when we did the run of NorCal 20's we had 100 matching cases done. These are made of .060 aluminum, have blank front and back panels, and are done in the St. Louis Tuner style of case. The size is 2.5" H x 5.125" W x 5.250" L. The front and back panels are attached to the clam shell top and bottom by 4-40 flathead counter-sunk screws using a folded tab and pem nuts.

We have 48 of these cases left. If you want a really high quality case for your project, be it a matching accessory for your NC20 or Red Hot Radio, or for that special tuner or other rig, here is the perfect case. The price on these cases? \$15 plus \$4 shipping and handling.

To order send a check or money order for \$19 per case to:

Doug Hendricks
862 Frank Ave.
Dos Palos, CA 93620

Please make check to Doug Hendricks and not NorCal. Thanks, and 72, Doug, KI6DS

Date: Wed, 4 Aug 1999 10:59:10 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [46806] NorCal Cap Kits
Message-ID: <01bedea3\$0e577240\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, I returned from my 7 week vacation a week ago, and immediately started the packaging of the NorCal Cap kits that so many of you have been so patiently waiting on. My timing was perfect. The back ordered caps came Friday the 23rd of July, and I got hom on the 26th. It took 4 hard days of work, but the second run of 200 cap kits were delivered to Jim Cates Sunday at the NorCal meeting. He mailed out all of the waiting orders, about 95 of them, on Monday.

So, we have about 100 of the cap kits left. If you are interested in a NorCal Cap kit which contains 10 each of the following values:

NPO Disc Ceramic 100V

1, 2.2, 4.7, 10, 12, 15, 18, 20, 22, 27, 30, 33, 39, 47, 51, 56, 68, 82, 100, 120 pF.

NPO Mono Cap, 100V Radial leads

150, 180, 220, 270, 330, 390, 470, 560, 680, 820, 1000 pF

Electrolytic 25V

1, 2.2, 4.7, 10, 22, 47, 100, 220, 470 uF

Mono Bypass Caps Axial leads

50 - .01uF

50 - .1uF

The cost is \$30 per kit plus \$4 shipping and handling to the US. If you want a kit, send a check for \$34 made out to Jim Cates to:

Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

Please enclose a self addressed mailing label. It will help Jim tremendously.

Don't delay on this one. We will not do this kit again, and once they are gone, they are gone. No more runs (the labor involved is huge!!)

I had about 20 inquiries waiting for me when I returned about the cap kits and I emailed all of them yesterday on how to order. Again, don't wait if you want one of these.

Nice to be back.

72, Doug, KI6DS

Date: Wed, 4 Aug 1999 15:06:07 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [46807] FW: Solder temperatures?
Message-ID: <000f01bedeac\$6b223e20\$b742fea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who responded with solder "tips"

Among the best were Mike Yetzko, and Dave Barrett who sent me the following....

=====
Hi George,

One can get all complicated with theories and equations and all that but the simple methods are sometimes the easiest.
If the solder melts quickly, flows well around the joint and does not crystallize when finished then you have the right temp.
1/One must have everything clean, that's most important!
2/Never use acid flux! (used for plumbing)
3/Always have a wet sponge or even wet folded paper towel handy to clean the tip before EVERY new joint.
4/Put the wires to be joined together and hold still, while taking the freshly cleaned iron tip to the job and apply the solder to the tip of the iron, we need to heat the whole job (both wires for instance) and have the solder "Flow" smoothly and cleanly around the joint.
5/Remove the source of heat (the iron tip) and hold still until the solder

cools,

6/Never artificially cool the joint!

7/The joint must look shinny and smooth, if it looks rough or very dull, simply apply more flux and "flow" the solder again, holding still until the joint cools and it should now be smooth and shiny.

The temperature is really dependant on the size of the job, I.E.. two tiny wires don't need much heat whereas two hunks of copper will need much more to get to the necessary temperature where the solder can "flow" on the surface smoothly.

If you need more help just ask.....

Dave (Repair Tech for 35+ years)

VE7PCC Vancouver BC Canada

Date: Wed, 04 Aug 1999 12:30:54 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46808] NCG-15 manual or info
Message-ID: <37A886DE.B84@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys!

Looking for a manual or info on the NCG-15. My rig is sick and need to dig into it! Does this rig work on cw? I don't think so, but maybe Im missing something without the manual.

Thanks, Tom WB5QYT..."Have spud will travel!"

Date: Wed, 4 Aug 1999 21:50:37 +0200
From: "Hans Sundstrom" <hans.sundstrom@telia.com>
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46809] SV: wtb qrp
Message-ID: <199908041950.VAA12888@d1o22.telia.com>

Sri for the bandwith, but just want to check make certain the mail arrives.

Bob:

Has mailed the address to you three times.

Please tell me if you have not got it now!

mni 73 es tn timer agn

Hans

-----Ursprungligt meddelande-----

Fr n: RangerSF5@aol.com <RangerSF5@aol.com>

Till: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Datum: den 4 augusti 1999 20:06

mne: wtb qrp

>So far Hans has not responded to me with his address so that I can mail out
>the 38 Special to him.

>Bob

>WA2HQrp <tm>

>

Date: Wed, 4 Aug 1999 13:00:47 -0700

From: Dave Barrett <DBarrett@creo.com>

To: "'QRP-L'" <qrp-1@Lehigh.EDU>

Subject: [46810] Freq. Counter I/Put ...Thanks

Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB01313A71@msgcreo2.creo.bc.ca>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Thanks to all who responded to my query re the input impedance of my freq.
counter.

Special thanks to Glen Leinweber, Ed Loranger, Russ Hines, Bruce Muscolino,
George Baker and Hrafnkell Eiriksson, all of whom answered in detail.

The QRP-L truly is a great list !!

Dave VE7PCC Vancouver BC Canada

Date: Wed, 04 Aug 1999 15:09:44 -0500

From: "Randall K. Kennard" <Firefox@Southwind.Net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [46811] HW-9 /DD1
Message-ID: <37A89E07.791380CB@Southwind.Net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone have a HW-9 or a DD1 they would like to sell ?

Date: Wed, 4 Aug 1999 13:29:50 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [46812] Kudos to Embedded Research TiCK Guys
Message-ID: <01bedeb8\$1a59e400\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I never would have believed it would have been possible, but I saw it with my own eyes. We had a surface mount building event at Fort Tuthill, and all but one of the keyer kits worked!! Gary Diana and Brad Mitchell of Embedded Research wanted to do something special at Fort Tuthill, and decided to give away 30 Surface mount keyer kits, YES I said GIVE away. All the recipitients had to do was to build the kits at Fort Tuthill.

It all started over dinner when I visited Gary and Brad this summer in Rochester, NY. I had met both of them years ago at Dayton, and they have traveled to California several times on business and we have gotten together. I promised that I would return the visit this summer and talked my wife into going to Niagra Falls, so it was easy to stop by and see a couple of my ham radio buddies. (Gotta work on these wives on vacation.) Anyway, Gary and Brad took me out to dinner, and what great hosts these guys are. I must have gained 10 pounds with that dinner and dessert.

The conversation got around to surface mount kits, and Gary and Brad said that they are easy to do, and that they had an idea that they needed my help on. What they proposed was that they give me surface mount TiCK keyer kits, and that I take them to Fort Tuthill and have the gang build them there. It was up to me to publicize and promote the idea and to take care of the logistics. I said sure it sounded like a blast, and it was a great idea. Gary was to ship the kits to Bob Hightower, and he would take them to Fort

Tuthill.

I was in a quandry. Here I am traveling and my email was hit and miss with being on vacation. I never knew when I would have access. So, I took the plunge. I announced on QRP-L that we would have a surface mount building event at Fort Tuthill, but I didn't have time to contact Bob Hightower to make sure it was ok. The ScQRPions are a wonderful group of guys, and as soon as they saw the announcement, they took care of all the details. Mike Wyman, W1DRY is one of those guys who knows how to get things done. Mike works for Intel, and he does surface mount for a living!! He brought 4 complete soldering stations with tips optimized for surface mount work. He also manned the area, and elmered the guys through it. Great job Mike!! Bob Hightower arranged for the room. We were all set.

When I got to Fort Tuthill, the first thing I asked Bob was whether or not the package had come from Brad and Gary. The second thing I did was apologize for not contacting him, but he understood the situation, and said it was not a problem. He had a room reserved for us to work in the next day, and said that Mike was bringing all of the soldering equipment.

Soon, people started arriving, and everyone asked for a Surface mount kit. They didn't last long, and by 9:30 Friday morning all were taken. Mike was ready with the soldering stations at 10 AM Friday, and pretty soon they started to arrive. Hams would walk into the room, with a kit and a fearful look in their eyes. They were very tentative, as most had not tried surface mount before, and a lot of us were over 40. (That means something to those of us who are, and doesn't to those who aren't. Just ignore if you are in your 20's, but remember you will be there some day, and then you will understand.)

It was great to watch Dave Yarnes, Bob Hightower, Brian Kassel, Roger Hightower, Larry East, Monte Stark, Jay Bromley, Bertie Hightower and others build their kits. They all helped each other, and Mike was perfect as an Elmer. He answered questions and offered hints, but let them build. Then, one by one, the builders appeared at the door. Each holding his keyer and each one grinning from ear to ear. IT WORKS!!! was the common cry.

Jerry Haigwood came to our rescue with a set of NorCal paddles when it became apparent that noone had remembered to bring a set of paddles to test the kits, and I want to thank Jerry for that.

But the star of the day had to be a very special person. Jamie Johnson is a very attractive 19 year old ham who was with her father, Jeff Johnson, who posts to this list. Jamie had never soldered anything before, yet she was able to build a surface mount Embedded Research TiCK keyer kit that worked the very first time. You cannot imagine the excitement that was in that girl's face. She was absolutely beaming. Then, she went out to the swap meet looking for CW software. Why? Because she is a NoCode Tech, and now

she has a keyer, and she wants to use it!! That is what this is all about folks. If you want to get people excited about code, have them build, and they will want to use their kits, so they will learn the code.

Gary and Brad, thank you so much for thinking of the Surface Mount Building Event at Fort Tuthill, and thanks to Embedded Research for fully funding it. Gary and Brad provided complete kits, the TiCK chip, the board, the parts, and the connectors. They even included some solder. This was one of the neatest things I have ever been a part of at a QRP Forum. Brian Kassel and I spent some time Sunday evening and have plans for another event next year.

Is surface mount hard? Well, 29 of 30 kits worked. The only tools were soldering stations with a fine tip, tweezers, and toothpicks. We used ribbon cable for hookup wire, and the results speak for themselves. If you have ever wanted to try a surface mount kit, I suggest that you start with a TiCK keyer. It is simple, it only has 4 surface mount parts, an 8 pin IC, resistor, capacitor and a transistor. That is it. Contact Gary and Brad at Embedded Research. The URL is <http://www.frontiernet.net/~embres/>

Thanks to the Arizona ScQRPions, especially Bob Hightower, Mike Wyman, and Jerry Haigwood for doing the logistics, thanks again to Brad and Gary, and thanks to all who participated, it was fun, so we must have been doing something right. 72, Doug, KI6DS

Date: Thu, 05 Aug 1999 05:23:16 +0900
From: Satoshi Kouya JQ10CR <tomo@grace.c.dendai.ac.jp>
To: qrp-l@Lehigh.EDU
Subject: [46813] Greetings from Brooklyn, NY.
Message-ID: <9908042021.AA10692@grace.c.dendai.ac.jp>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-2022-JP"

Hello friends;

I came to Brooklyn from Tokyo a few days ago.
My purpose of visit is researching radio wave propagation in urban environment as Post Doctoral Study.
Dr. Bertoni, Professor of Polytechni University, is one of famous scholar of this field. So I am happy to be able to visit here.

I have no license of the US. My stay will be over a year so that I will get an American License. I hope to operate with US call. hi hi

I lived near Akihabara (biggest Electric town in Japan) before the visiting. I wish I can find Ham stuff near here. Please let me know if anyone knows. I live in Brooklyn Heights and I have no car now. Oh. I must get driving license, too. I will be busy?

72

Satoshi Kouya, JQ10CR, Brooklyn, NY.

Date: Wed, 4 Aug 1999 12:17:42 -0700
From: Dan Presley <talljazz@teleport.com>
To: ac6nt@excite.com
Cc: qrp-l@LeHigh.edu
Subject: [46814] Re: Zero-beat me 8 to the bar
Message-ID: <v0300783cb3ce3fcf5557@[216.26.61.37]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Howdy,

> Regarding this zero-beat thing, I just tune the other station's
>frequency so that his "pitch" is exactly the same as I remember my side-tone
>to be. If I'm a little off, I tune him up or down a bit, to get the two
>pitches exactly in tune, just like the strings of a guitar. It's totally an
>"ear thing" for me.

>Eric Bikales

>AC6NT@excite.com

Eric (and group) -That's the way I do it as well, but the trick is to make sure your transmitter offset is set correctly to match your sidetone pitch, so when you tune the other station, your offset is correct. I went back last night to doublecheck my Sierra after reading these posts, and sure enough, the 'tx' (transmitter) offset was out of adjustment with my sidetone. I'm not sure how many rigs have adjustable offsets and/or adjustable sidetone pitch, but it pays to check it out. On the Sierra there's also a bfo for receiving tones, so that should be matched as well. It's a bit confusing, but worth the effort to get it right; then you can just match pitches. My T-T Corsair II has a spot switch which you can use to 'zero' the received sig, then when released, you're ok for offset. Nice thing about this feature is it allows you to use a different sidetone pitch but still be correctly offset.

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Wed, 4 Aug 1999 14:42:58 -0600
From: "Carl Zmola" <zmola@campbellsci.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46815] Re: New QRP 10M HT Available
Message-ID: <19990804203910020.AAA203@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> Check out this link:
> <http://www.copper.com/online/box.cgi?name=E00-06006&add=Add+To+Order>
>
> I have ordered one of these radios and should have it friday. It runs
> approx
> 6 watts pep on high and has a low power setting.. It also does the 10m
> repeater splits and with a mod will xmit all the way down
> to 25.5 mhz or so. It also uses all the cherokee acc. including battery
> packs.

I have one. It's a chinzy little thing. I receive ok, but havn't been able to qso. Takes 9 AA bateries, but comes with a wall wart and a cigarett adapter.

Tuning is a pain. will tune in 1khz increments and has a clarifier for finer adustment, but the tuning is strange.

To tune up and down, you do it in 10khz steps, or you can change any digit (100khz, 10khz, 1khz). So you can't move around fast, and you can't move around slow easily.

going from 28.500 to 28.499 requires two steps.

28.500 -> 28.490
and
28.490 -> 28.499

If I qso with it I'll be a lot happier. :-)

carl
AC7BB

Carl

zmola@campbellsci.com

Date: Wed, 04 Aug 1999 15:03:45 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Cc: sigcom@juno.com, yh@ottawa.com
Subject: [46816] Lotto Winners
Message-ID: <3.0.3.32.19990804150345.0090c980@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The winner of the drawing for the 2N2/40 board, T-shirt is TA DA!

--> Steve, WB6TNL <--

I'll mail it to your Call Book address, Steve (Oxnard, CA).

The winner of the drawing for the TiCK keyer is TA DA!

--> Ying Hum <-- (call unknown)

Ying -- please supply me with your call and mailing address so I'll know where to send it!

In case y'all are interested, there were 56 "entries" for the 2N2/40 and 73 for the TiCK keyer. Several from overseas.

The drawings were performed using two pseudo-random number sequences; the first one was used to generate a number that determined the starting point of the second. The first two numbers from the second sequence were then normalized to the number of entries and the winners were determined by message number (messages were listed in order of arrival). Is all that perfectly clear? :-)

72, Larry W1HUE/7

PS -- If you didn't see the original posts about these drawings, DO NOT send me email asking about 'em now 'cuz it's TOO LATE! :-)

Date: Wed, 4 Aug 1999 16:15:41 -0500 (GMT+5)
From: wd9eyb@butler.indiana.net
To: qrp-l@lehigh.edu (QRP List)

Subject: [46817] Solder Flux and Propagation
Message-ID: <199908042115.QAA02142@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was a little confused for awhile about K7Q0's comments on solder flux and propagation. Then I realized I was misreading solar as solder. I'm only 47 years old. How bad does it get?

Jim, WD9EYB

Date: Wed, 04 Aug 1999 15:14:24 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-1@lehigh.edu
Subject: [46818] Manual Needed
Message-ID: <3.0.3.32.19990804151424.0090c9b0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I need a manual for a Fluke Model 853A Differential Voltmeter (s/n 1797). Copying and mailing costs gladly paid.

72, Larry W1HUE/7

Date: Wed, 4 Aug 1999 17:33:02 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <tomo@grace.c.dendai.ac.jp>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46819] RE: Greetings from Brooklyn, NY.
Message-ID: <000001bedec0\$ee339e80\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dear Satoshi:

Welcome, and good luck with your research!

Many years ago, we had a place someewaht equivalent to Akihabara (I visited your FB radio place in 1967).

We affectionately called it "Radio Row," and it was located where the New York World Trade Twin Towers office buildings now exist.

There were many ham radio shops such as Harrison Radio and Barry Radio, with row upon row of beautiful ham radio equipment to feast your eyes upon. To my knowledge, Radio Row existed from the late 1920s until the World Trade Center was constructed.

The various streets, such as Barclay St., Vesey St., Cortlandt St, and others were comprised of smaller stores with radios, RF parts, war surplus equipment, ham gear, etc. If you couldn't find what you were looking for there, it probably did not exist.

As a young ham radio op in my teenage years, having very little money to spend on store-boughten gear, we used to go, by subway, to Radio Row and stock up on things. The problem was that we had to be careful in what we purchased, as we still had to carry it home on the subway cars. I remember to this day carrying home steel 19-inch rack panels. My arms felt like they were going to drop off!

We used to visit places with names such as TAB (That's a Buy) and Edlie's. Everything was available: when I went there in the late 1950s and early Sixties I purchased ARC-5 receivers and transmitters (very popular), SCR-522 2-meter rigs, and tubes such as 813s, 1625s (they were 20-cents apiece, and we used to saw a slit in the base to separate the suppressor grid from the cathode, and bring it out and ground it for GG amplifiers), and 811As, and transformers for homebrew HF transmitters, and resistors and coils and capacitors, etc. It was a ham's dream come true dear Satoshi.

Well, maybe if you poke around those streets, some (one or two?) of those stores may still be there. I don't know. It's been years for me since those days. Does anyone on the list know if there are any vestiges of the former glory days?

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Satoshi Kouya JQ10CR

> Sent: Wednesday, August 04, 1999 4:23 PM

> To: Low Power Amateur Radio Discussion

> Subject: Greetings from Brooklyn, NY.

>

>
> Hello friends;
>
> I came to Brooklyn from Tokyo a few days ago.
> My purpose of visit is researching radio wave propagation
> in urban environment as Post Doctoral Study.
> Dr. Bertoni, Professor of Polytechni University,
> is one of famous scholar of this field. So I am happy to
> be able to visit here.
>
> I have no license of the US. My stay will be over a year
> so that I will get an American License. I hope to operate
> with US call. hi hi
>
> I lived near Akihabara (biggest Electric town in Japan)
> before the visiting. I wish I can find Ham stuff near here.
> Please let me know if anyone knows. I live in Brooklyn Heights
> and I have no car now. Oh. I must get driving license, too.
> I will be busy?
>
> 72
>
> Satoshi Kouya, JQ10CR, Brooklyn, NY.
>
>
>

Date: Wed, 04 Aug 1999 14:36:57 -0700
From: neil <neil@aaade.com>
To: nichols@rtp.ericsson.se, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46820] Re: GB> Which tube manual?
Message-ID: <37A8B278.AC4019D0@aaade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Todd Nichols wrote:
>
>> Neil,
>>
>> I'm still waffling on which year to get. I do know that I won't be
>> getting your HB-3! :-)) I'm thinking small...
>>
>> Thanks,

>> Todd

>> --

>> -----
>> Todd Nichols KB0HQU Ericsson Inc. (919) 472-7590
>> nichols@rtp.ericsson.se Research Triangle Park, NC
>

between the two that I have I doubt there is much difference.
I also have transmitting tube manuals TT-3 (1938) and TT-4 (1956)
\$10 each plus shipping. No shipping if included with a receiving tube
manual.

HB-3 was a subscriber service of RCA. People subscribed to and received
loose leaf updates periodically. The content of HB-3 can vary as a
result. No way to tell how complete a given set is. My set is stuffed
full. It belonged to a large Corp. (Boeing) library so I assume it was
well kept
up.

--

Neil

<http://www.aade.com>

<mailto:neil@aade.com>

Almost All Digital Electronics

1412 Elm St. SE

Auburn, WA 98092

253-351-9316

Date: Wed, 04 Aug 1999 17:46:33 EDT
From: Dean W Manley <kh6b@juno.com>
To: we6w@qsl.net
Cc: qrp-1@Lehigh.EDU, kh6b@juno.com
Subject: [46821] Re: Field Repair of radios.
Message-ID: <19990804.115027.5399.0.kh6b@juno.com>

Hi Ed and Group,

I had solid copy on you in the back country,
even tho the antenna pole was leaning. I can
almost picture you and Alan backpacking in
the hill country of CA. Sounds like FUN.

Aloha,

Dean KH6B Hilo HI BK29KP

ARRL Life, HI Chap. 194 QCWA

HI QRP 001

>OH! OH! One more ha-ha funny from the Yosemite trip.

>To hold the Black widow pole vertical I phanagled (tech. term) my back pack by cinching the top string after inserting the base of the pole inside, wedged between the frame and a box which held my equipment.

>That lasted about 10 minutes and the wind caused the pole to lean.

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 04 Aug 1999 14:45:40 -0700
From: Bob Parks <rob3ert@vegas.infi.net>
To: wd9eyb@butler.indiana.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46822] Re: Solder Flux and Propagation
Message-ID: <3.0.6.32.19990804144540.0086a200@vegas.infi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jim---

It gets VERY bad. Give it twenty years or so, you'll see! :^)

72/73

Bob Parks
K6AEC (Las Vegas, NV)

At 04:15 PM 08/04/1999 -0500, you wrote:

>I was a little confused for awhile about K7Q0's comments on solder flux
>and propagation. Then I realized I was misreading solar as solder.

>I'm only 47 years old. How bad does it get?

>

>Jim, WD9EYB

>

>

Date: Wed, 4 Aug 1999 18:02:39 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [46823] Ken: W8EK - Your Mail Is Bouncing
Message-ID: <19990804.180240.-5817.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry to post to the list, but I would like Ken, W8EK to contact me directly.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 4 Aug 1999 18:00:14 -0400
From: Jerry Albertin <jalbertin@juno.com>
To: qrp-l@lehigh.edu
Subject: [46824] FS: MFJ-418 Pocket Morse Code Tutor
Message-ID: <19990804.180014.3230.0.JAlbertin@juno.com>

Pristine MFJ-418 code tutor with matching case. The case (a \$14 item at AES) has a belt clip and protects the unit while allowing the LCD to be seen. Original box and manual...\$65 shipped conus.

Got my code speed up to 20+wpm with this tutor and it is now surplus to my needs.

73....Jerry

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 4 Aug 1999 18:17:31 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: ki6ds@dpol.k12.ca.us
Cc: qrp-l@lehigh.edu
Subject: [46825] Re: Spring and Summer QRPP
Message-ID: <199908042300.TAA09360@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Maybe you could do a "double" issue to help catch up. Since Spring is being printed, summer/fall would be a good candidate. Just a thought..

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

End of QRP-L Digest 1538

